



ITW

PATENT

REQUEST FOR CORRECTED FILING RECEIPT

Applicant : Akiyama, et al.
Appl. No. : 10/591,720
Filed : September 5, 2006
For : IMMOBILIZED BIOMOLECULE AND
METHOD OF DETECTING SUBSTANCE
CAPABLE OF INTERACTING WITH
BIOMOLECULE
Art Unit : 1651

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

April 17, 2007

(Date)

Che S. Chereskin

Che Swyden Chereskin, Ph.D., Reg. No.
41,466

Commissioner for Patents
P.O. Box 1450
Office of Initial Patent Examination
Customer Service Center
Alexandria, VA 22313-1450

Dear Sir:

Applicants hereby request that the Official Filing Receipt, a copy of which is enclosed, be corrected to reflect the true filing date of one of the priority Japanese applications. Presently, the Filing Receipt incorrectly shows the filing date of application JP 2004-061798 as March 5, 2001. The correct filing date is March 5, 2004 (03/05/2004). Enclosed is documentation supporting the requested correction.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: April 17, 2007

By: Che S. Chereskin

Che Swyden Chereskin, Ph.D.
Registration No. 41,466
Agent of Record
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(949) 760-0404

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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/591,720	09/05/2006	1651	1260	TOYA 115.017APC	19	1

CONFIRMATION NO. 1421

FILING RECEIPT



OC000000023133122

20995
 KNOBBE MARTENS OLSON & BEAR LLP
 2040 MAIN STREET
 FOURTEENTH FLOOR
 IRVINE, CA 92614

Date Mailed: 03/29/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Megumi Akiyama, Chiba-shi, JAPAN;
 Naoki Kimura, Chiba-shi, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 20995.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP05/01882 02/09/2005

Foreign Applications

JAPAN 2004-061798-03/05/2004
 JAPAN 2004-319087 11/02/2004

9/b 03/05/2004

If Required, Foreign Filing License Granted: 03/27/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/591,720**

Projected Publication Date: 07/05/2007

Non-Publication Request: No

Early Publication Request: No

Title

Immobilized biomolecule and method of detecting substance capable of interacting with biomolecule

Preliminary Class

435

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted

under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**DECLARATION AND POWER OF ATTORNEY - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is

sought on the invention entitled **IMMOBILIZED BIOMOLECULE AND METHOD OF DETECTING SUBSTANCE CAPABLE OF INTERACTING WITH BIOMOLECULE**
the specification of which:

- (a) ☐ is attached hereto; or
- (b) ☐ was filed on _____ as Application
No. _____ or Express Mail No., as Application No. not
yet known _____ and was amended
on _____ (if applicable); or
- (c) ☒ was described and claimed in PCT International Application No.
PCT/JP2005/001882 filed on February 9, 2005
and as amended under PCT Article 19 on _____
(if any) and/or under PCT Article 34 on _____ (if any).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56;

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, design or inventor's certificate or any PCT international application(s) listed below and have also identified below any foreign application(s) for patent, design or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed for the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 U.S.C. § 119
Japan	2004-061798	5/Mar./2004	<input checked="" type="radio"/> YES <input type="radio"/> NO
Japan	2004-319087	2/Nov./2004	<input checked="" type="radio"/> YES <input type="radio"/> NO
			<input type="radio"/> YES <input type="radio"/> NO

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S.A. Application(s)

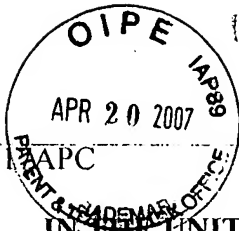
Application No.: _____ Filing Date: _____ Status: _____

POWER OF ATTORNEY: I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Megumi AKIYAMAInventor's signature Megumi Akiyama Day 25th Month May Year 2006Residence (city and country): Chiba-shi, JapanCitizenship: JapanesePost Office Address: c/o Nisshinbo Industries, Inc., R & D Center, 1-2-3, Onodai, Midori-ku, Chiba-shi, Chiba
267-0056 JapanFull name of second inventor: Naoki KIMURAInventor's signature Naoki Kimura Day 19th Month May Year 2006Residence (city and country): Chiba-shi, JapanCitizenship: JapanesePost Office Address: c/o Nisshinbo Industries, Inc., R & D Center, 1-2-3, Onodai, Midori-ku, Chiba-shi, Chiba
267-0056 Japan

Send Correspondence To:
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
PF-33



TOYAI15.01APC

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Akiyama, et al.
Int'l Appl. No.	:	PCT/JP2005/001882
Int'l filing date	:	February 9, 2005
For	:	IMMOBILIZED BIOMOLECULE AND METHOD OF DETECTING SUBSTANCE CAPABLE OF INTERACTING WITH BIOMOLECULE
Examiner	:	unknown
Group Art Unit	:	unknown

PRELIMINARY AMENDMENT

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Preliminary to examination on the merits, please amend the above-captioned U.S. application as follows.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Int'l Appl. No. : PCT/JP2005/001882
Int'l filing date : February 9, 2005

AMENDMENTS TO THE SPECIFICATION

On page 1 of the Specification, after the Title and before the Technical Field statement starting on line 1, please insert the following section:

Related Applications

This application is the U.S. National Phase under 35 U.S.C. § 371 of International Application PCT/JP2005/001882, filed February 9, 2005, which was published in a non-English language, which claims priority to JP Application No. 2004-061798, filed March 5, 2004 and JP Application No. 2004-319087, filed November 2, 2004.

On page 63 before Claim 1, please amend as follows:

WHAT IS CLAIMED IS: CLAIMS